


REMARKS

Claims 1-10 are pending. By this preliminary amendment, claims 1-10 have been amended (total number of claims 10) to merely clarify the recited subject matter, and the specification has been amended to identify priority data. Claims 1 and 8 are independent claims.

Attached hereto is a marked-up version of the changes made to the specification and claims by the current amendment. The attached Appendix is captioned "Version with markings to show changes made".

Early and favorable action on the merits are respectfully requested.

Respectfully submitted,
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APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE TITLE:

The title is changed as follows:

METHOD AND ARRANGEMENT FOR REPORTING
CREDIT/CHARGING INFORMATION TO A MOBILE COMMUNICATION
[SUBSCRIBER] STATION

IN THE SPECIFICATION:

The following paragraph was added to the beginning of the specification.

, This application is the National Phase of International Application
PCT/FI99/00796 filed September 28, 1999 which designated the U.S. and that
International Application was published under PCT Article 21(2) in English.

IN THE CLAIMS:

1. (*Amended*) A method for transmitting [credit/charging] charging
information to a mobile station [(MS);
c h a r a c t e r i z e d in that the method comprises the steps of] , the method
comprising:
detecting a call termination [(2-10)] of a call chargeable to [the] a subscriber
of the mobile station [(MS)];
[in response to said detecting,] sending [said credit/charging] charging
information to the mobile station [(MS)] as a connectionless message [(2-26)] upon
the detection of the call termination.

2. (*Amended*) The [A] method [according to] of claim 1, [characterized in that the method] further [comprises the steps of] comprising:

defining an upper limit for [the] an accumulated price of telephone calls;

monitoring the accumulated price of telephone calls;

allowing a new call only if the accumulated price of telephone calls is less than the upper limit.

3. (*Amended*) The [A] method [according to any of the preceding claims, characterized in that said] of claim 1, wherein the connectionless message is a short message.

4. (*Amended*) The [A] method [according to any of the preceding claims, characterized in that said] of claim 1, wherein the connectionless message is a [USSD] Unstructured Supplementary Service Data message.

5. (*Amended*) The [A] method [according to any of the preceding claims, characterized in that said after detecting said termination (2-10) of the call] of claim 1, further comprising, releasing the call [(2-18)] with sufficient delay [for] to allow sending [said] the connectionless message without paging the mobile station [(MS)] separately after detecting the termination of the call.

6. (*Amended*) The [A] method [according to any of the preceding claims, characterized in that said an Intelligent Network node, preferably a Service Control Point (SCP)] of claim 1, further comprising:

[requests (2-4)] requesting a Mobile Services Switching Centre [(MSC)] to report [said] the termination of the call from an Intelligent Network node;

reporting the termination of the call from the Mobile Services Switching Centre; and

[in response to said reporting (2-12), initiates (2-16, 2-22) said] determining and sending [of said] the [credit/charging] charging information to the mobile station.

7. (*Amended*) The [A] method [according to] of claim 1, [characterized in that] further comprising:

executing a Service Logic Program in a Service Logic Execution Environment to send [sending said] the charging [credit/charging] information [is triggered by a Service Logic Program being executed in a Service Logic Execution Environment (SLEE) in] at [the] a Service Control Point [(SCP)]; and

[the Service Logic Program provides functionality for] communicating with an external process through a gateway between services running inside the Service Logic Execution Environment [(SLEE)] and an external application₂ [(WS); and]

wherein the [credit/charging] charging information is sent using the gateway to the external application [(WS) which sends it] and subsequently to the mobile station [(MS)].

8. (*Amended*) An arrangement [(SCP, WS)] for transmitting [credit/charging] charging information to a mobile station [(MS)] in a mobile telecommunications network [; characterized in that the arrangement (SCP, WS) is adapted to:]₂ wherein the arrangement is configured to detect a termination [(2-10)] of a call chargeable to [the] a subscriber of the mobile station [(MS);] and₂ in response to [said detecting,] that detection, send [said] the [credit/charging] charging information to the mobile station [(MS)] as a connectionless message [(2-26)].

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9. (*Amended*) The [An] arrangement [according to] of claim 8,
[c h a r a c t e r i z e d in that the arrangement comprises] comprising a Service
Control Point [(SCP)] of an Intelligent Network, [said] the Service Control Point
[comprising] including a Service Logic Program [for sending said] configured to send
the [credit/charging] charging information in response to [said] detection of
[detecting] the call termination.

10. (*Amended*) The [An] arrangement [according to] of claim 9,
[c h a r a c t e r i z e d in that the arrangement] further [comprises] comprising a
separate processor [(WS) for formatting said] configured to format the
[credit/charging] charging information.

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